



U.S. Patent Application Serial No. 10/784,263
Preliminary Amendment filed with RCE on 12/29/06

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A touring bus running route acquisition system for permitting a user of a touring bus to acquire a running route of the touring bus inclusive of a getting-on/off point comprising: on a ~~[[side]]~~ terminal of the touring bus running the running route, latitude/longitude acquisition means for acquiring its own latitude/longitude at predetermined sampling periods; time acquisition means for acquiring the time when the latitude/longitude is acquired; and terminal side communicating means having a function of wireless-transmitting the latitude/longitude and the time thus acquired, and on ~~the side~~ a terminal of the user, bus data acquisition means for acquiring the latitude/longitude and time provided by the touring bus; and a getting-on/off point specifying means for specifying a getting-on/off point on the basis of the speed computed from the latitude/longitude and the time, wherein the getting-on/off point is a point where the speed is zero ~~[[at]]~~ for a period of time which is equal to or greater than a prescribed number of times of consecutive sampling periods and which excludes points where the touring bus comes to a complete stop due to traffic conditions as determined by the speed of the bus being zero for a period of time less than the prescribed number of times of consecutive sampling periods.



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Claim 2 (original): A touring bus running route acquisition system according to claim 1, wherein said running route is the newest running route.

Claim 3 (cancelled).

Claim 4 (original): A touring bus running route acquisition system according to claim 1, further comprising:

storage means for storing the running route to which
an formal route name is appended.

Claim 5 (Currently Amended): An arrival notifying system for notifying a user from a management center that a touring bus arrives at a prescribed point on a running route using a touring bus running route acquisition system for permitting the user of the touring bus to acquire the running route of the touring bus inclusive of a getting-on/off point, wherein said touring bus running route acquisition system comprises: on a [[side]] terminal of the touring bus running route,

latitude/longitude acquisition means for acquiring its own latitude/longitude at predetermined sample periods;

time acquisition means for acquiring the time when the latitude/longitude is acquired; and

terminal side communicating means having a function of wireless-transmitting the latitude/longitude and the time thus acquired, and on ~~the side~~ a terminal of the user,

bus data acquisition means for acquiring the latitude/longitude and time provided by the touring bus; and

getting-on/off point specifying means for specifying the getting-on/off point on the basis of the speed computing from the latitude/longitude and the time, comprising:

on the [[side]] terminal of the user,

a user [[side]] terminal communication means which is communicatable with the outside through a communication line inclusive of an internet;

notifying point setting means for setting a desired notifying point on said running route that the user desires to be notified of arrival of the bus; and

notifying means for notifying the arrival in response to a predetermined notifying command transmitted through a communication line including the internet, and on the side of the management center,

management center side communication means which is communicatable with the terminal side transmitting means installed in the touring bus through the communication line including a wireless line and communicatable with the user side communication means through the communication line including the internet;

storage means for storing the notifying point set by the user; and

command issuing means for comparing the latitude/longitude transmitted from the touring bus through the communication line including the wireless line with the stored notifying point to detect that the touring bus has arrived at the notifying point and issuing the notifying command.

Claim 6 (previously presented): An arrival notifying system according to claim 5, wherein said notifying point is one of the getting-on/off points specified on the basis of the speed computed from the latitude/longitude and the time.

Claim 7 (original): An arrival notifying system according to claim 6, wherein said getting-on/off point is appended with an arrival scheduled time computed on the basis of the time.

Claim 8 (original): An arrival notifying system according to claim 6, wherein said notifying means notifies the arrival using an audio signal and a video signal.